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## 21 [PeerReview: practical accountability for distributed systems](#)

[Andreas Haeberlen](#), [Petr Kouznetsov](#), [Peter Druschel](#)

**October 2007** SOSP '07: Proceedings of twenty-first ACM SIGOPS symposium on Operating system

Publisher: ACM

Full text available: [Pdf](#) (363.72 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

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We describe PeerReview, a system that provides accountability in distributed systems. PeerReview

Byzantine faults whose effects are observed by a correct node are eventually detected and irrefutably faulty node. At the same time, ...

Keywords: accountability, byzantine faults, distributed systems, fault detection

## 22 [User-level internet path diagnosis](#)

◆ Ratul Mahajan, Neil Spring, David Wetherall, Thomas Anderson

October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating systems principles

Publisher: ACM

Full text available:  [Pdf](#) (403.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#)

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Diagnosing faults in the Internet is arduous and time-consuming, in part because the network is composed of components spread across many administrative domains. We consider an extreme form of this problem: users, with no special privileges, ...

Keywords: measurement tools, path diagnosis

## 23 [Speculative execution in a distributed file system](#)

◆ Edmund B. Nightingale, Peter M. Chen, Jason Flinn

October 2005 ACM SIGOPS Operating Systems Review, Volume 39 Issue 5

Publisher: ACM

Full text available:  [Pdf](#) (305.54 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#), [review](#)

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Speculator provides Linux kernel support for speculative execution. It allows multiple processes to state by tracking causal dependencies propagated through inter-process communication. It guarant execution by preventing ...

Keywords: causality, distributed file systems, speculative execution

## 24 [On fairness in simulatability-based cryptographic systems](#)

Michael Backes, Dennis Hofheinz, Jörn Müller-Quade, Dominique Unruh

November 2005 FMSE '05: Proceedings of the 2005 ACM workshop on Formal methods in security

Publisher: ACM

Full text available:  Pdf (276.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

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Simulatability constitutes the cryptographic notion of a secure refinement and has asserted its posit fundamental concepts of modern cryptography. Although simulatability carefully captures that a dis does not behave ...

Keywords: cryptographic protocols, fairness, scheduling, simulatability

## 25 [PeerReview: practical accountability for distributed systems](#)

Andreas Haeberlen, Petr Kouznetsov, Peter Druschel

October 2007 ACM SIGOPS Operating Systems Review, Volume 41 Issue 6

Publisher: ACM

Full text available:  Pdf (363.72 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

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